

INSTALLATION INSTRUCTIONS

ROUND HIGH RAY

5 YEAR LIMITED PRODUCT WARRANTY

Visit www.els-led.com for warranty for details
For support contact support@els-led.com

MODELS

Model	Voltage	Wattage	Lumen SELECT	CCT SELECT
HBR-150CLS-BL-CR	120-277V	150W-125W-100W	22K-19K-15K	4000K-5000K
HBR-150CLS-WH-CR	120-277V	150W-125W-100W	22K-19K-15K	4000K-5000K
HBR-240CLS-BL-CR	120-277V	240W-200W-160W	36K-30K-24K	4000K-5000K
HBR-240CLS-WH-CR	120-277V	240W-200W-160W	36K-30K-24K	4000K-5000K

WARNING: RISK OF ELECTRICAL SHOCK

- Turn off the electrical power at fuse or circuit breaker box before wiring fixture to power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- MIN 90°C SUPPLY CONDUCTORS.
- All wiring connections should be capped with UL approved wire connectors.

CAUTION: RISK OF INJURY

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Allow lamp/fixture to cool prior to handling light source.
- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.
- Ensure fixtures are properly secured to and installed using all appropriate hardware intended to support the weight of the luminaire.

CAUTION: RISK OF FIRE

- Keep combustible and other materials that can burn away from luminaire and lamp/lens.



READ AND FOLLOW ALL SAFETY INSTRUCTIONS!

SAVE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION

General Safety & Product Information

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- DO NOT INSTALL DAMAGED PRODUCT
- Use fixture only in intended application
- Allow for proper ventilation and air movement around luminaire. Do not exceed maximum ambient operating temperature
- Recycling information on LED Products please visit WWW.EPA.GOV
- These instructions may not cover all variations in equipment, application, operation and maintenance. Should further information be required please contact support@els-led.com
- Fixture components are not serviceable. In the event of product failure please refer to product warranty guidelines at www.els-led.com



ELEVATE
LIGHTING SOLUTIONS

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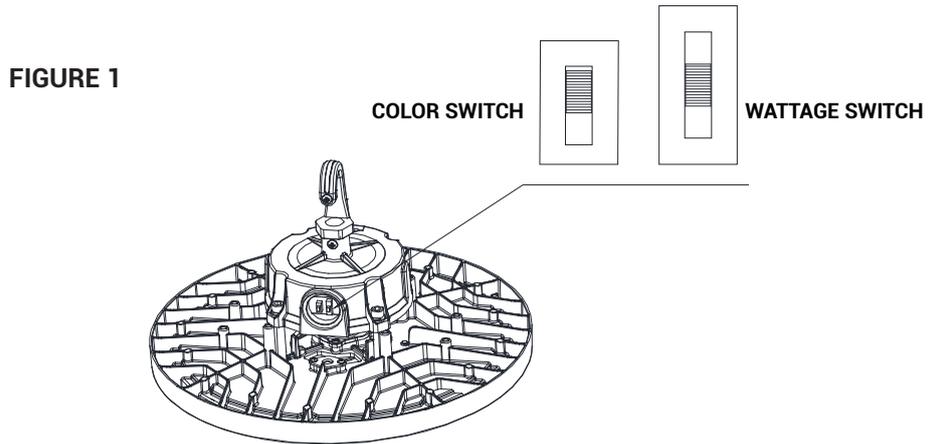
✉ orders@els-led.com

📧 Support@ELS-LED.com

INSTALLATION AND WIRING INSTRUCTION

Installation Methods: Hook Mount, (Please choose the most suitable installation method for the purchased product as per your needs). Secure the luminaire to a supporting structure. Use the steel safety cable is required for installation.

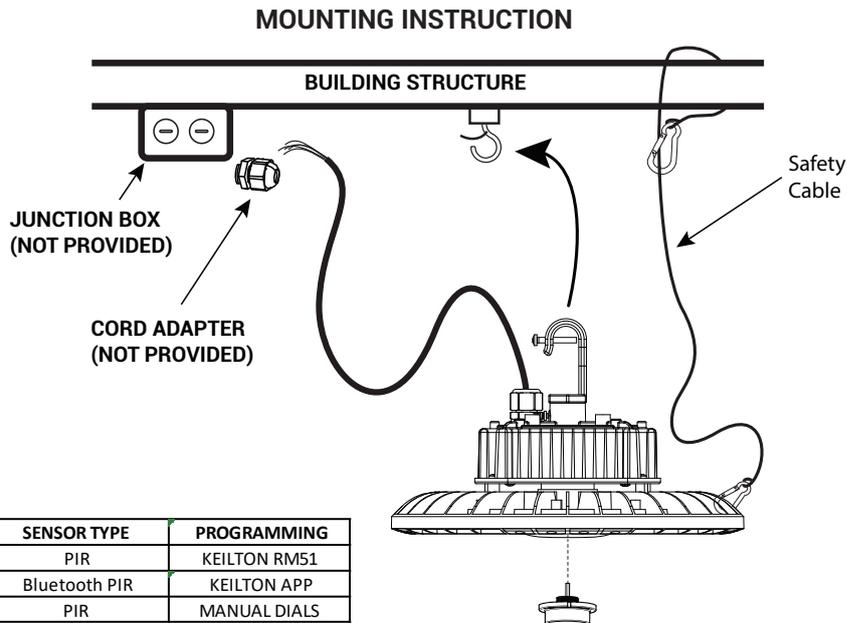
1. Install J-hook (included) to the luminaire and tighten set screw.
2. Optional: Adjust the selector switch for the desired CCT and Wattage to achieve desired lumen output and color temperature. Remove cap to access the selector switches, set switches and replace cap. (See figure 1)
3. Hang fixture on chain, strut or other appropriate structure capable of supporting weight of luminaire. (See figure 2)
4. Required: Attach steel safety cable to structure.
5. Connect wires: make all electrical connections to the Main supply in accordance with NEC requirements.
6. Optional Motion Sensor (Sold Separately) : Remove cap in center of the LED array and install sensor securing tightly. (See figure 2)
7. Refer to Sensor programming instructions using remote control.



WIRING

- Black – Hot, White Neutral 120v-277v , Green – Ground
- Purple – Dime +; Pink – Dim – (0-10v) Dimming Optional Connection

FIGURE 2



The Installation must be carried out by a qualified electrician

INSTRUCTION FOR REMOTE CONTROL (SOLD SEPARATELY)

MODEL#RM51

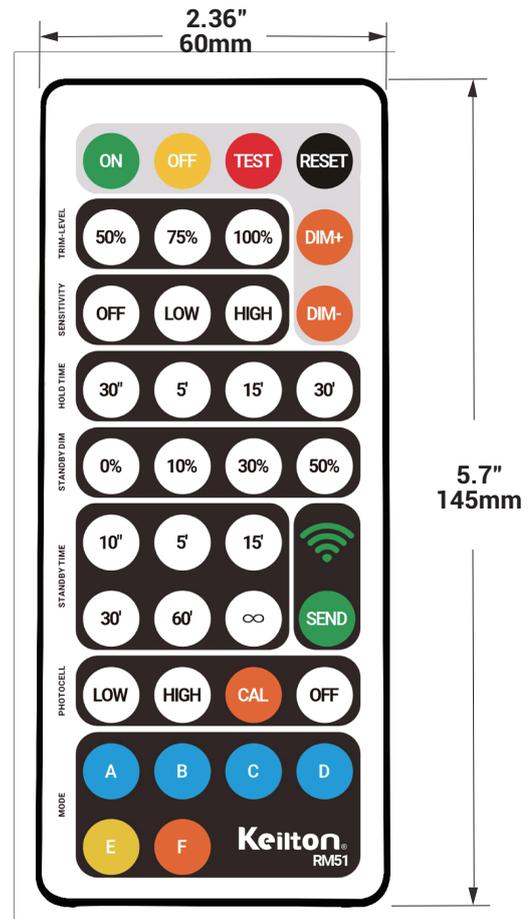
SPECIFICATIONS

Communication Mode	Infrared
Supply Voltage	3V(provided 1 or 2 pcs CR2032 battery)
Housing Material	Plastic
Flame Rating	HB
Working Humidity	≤90% RH
Operating Temperature	0°C to 45°C, 32°F to 113°F
Dimension	5 years dimension

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REMOTECONTROL

ON	Turns ON luminaires.
OFF	Turns OFF luminaires.
TEST	Test mode will last 5 minutes, then return to the previous setting. In test mode, the hold time is 2 seconds, SDL is 50%, and the standby time is 2 seconds.
RESET	Trim-High = 100%, Sensitivity = High, T1 = 5 min, Standby Dim = 30%, T2 = 60 min, Photocell = OFF.
DIM+/-	Remote will manually dim the luminaire up or down in increments of 0.5 volts. Smooth dimming should occur when holding the dimming button.
TRIM-LEVEL	Set maximum threshold value at 50%, 75%, or 100%.
SENSITIVITY	OFF (PIR OFF, Enter PC ON/OFF function) / LOW (50%) / HIGH (100%).
HOLDTIME	Time of no occupancy after which the fixture goes to standby: 30s / 5 min / 15 min / 30 min.
FMODE DAYLIGHT HARVESTING	(Enable/Disable) Measures and sets a feature to allow the fixture to maintain a light level when turned ON.
STANDBY DIM	Select any standby dim level: 0% / 10% / 30% / 50%.
STANDBY TIME	10s / 5 min / 15 min / 30 min / 1h / ∞. "∞" means the standby time is infinite, and the fixture is effectively controlled by the daylight sensor.
PHOTOCELL	LOW (1fc) / HIGH (50fc) / CAL (Collects the current Lux Level) ON.
MODE	Set settings to a program profile (A to F).
SEND	Send settings to the sensor.
DEFAULT MODE A	Trim-High = 100%, Sensitivity = Low, T1 = 30 min, Standby Dim = 50%, T2 = ∞, Photocell =CAL.
DEFAULT MODE B	Trim-High = 100%, Sensitivity = Low, T1 = 30 min, Standby Dim = 50%, T2 = 15 min, Photocell =CAL
DEFAULT MODE C	Trim-High = 100%, Sensitivity = Low, T1 = 30 min, Standby Dim = 50%, T2 = 15 min, Photocell =OFF.
DEFAULT MODE D	Trim-Low = 50%, Sensitivity = Low, T1 = 30 min, Standby Dim = 50%, T2 = 30 min, Photocell =CAL
DEFAULT MODE E	Manual Mode, Trim-High = 100%.
DEFAULT MODE F	Daylight Harvesting, Trim-Low = 50%, Sensitivity = Low, T1 = 15 min.



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INSTRUCTION FOR BLUE TOOTH APP

To download the Keilton NLC APP, scan the QR code below, which corresponds to the type of smart phone/tablet that will be downloading the APP:



Keilton iOS



Keilton Android
@GooglePlay

The APP supports most Android smart phones. Some Android phone models may not be supported due to issues with the phone's hardware or firmware. The APP requires access to the network and Bluetooth, so please approve access requests from the APP. The APP will not collect user's private data. Accept the prompt to allow access to photos for QR codes to be automatically saved in your album.

LiteTrace will update the APP when there are new features or bug fixes. Please enable the auto update of the APP so that new version of the APP will be pushed to your mobile phone.

Please click the link here for getting instructions of APP: <https://www.youtube.com/@LiteTrace/videos>